# **AUTHOR INDEX**

٨

Abdelmeguld, A. M., 195 Abell, C. J., 525, 526 Ablett, R., 385 Acrivos, A., 363 Acton, E., 92, 111 Adams, M. L., 56 Adee, B. H., 177, 196, 198 Adrian, R. J., 448 Afzal, N., 507 Akeson, W. H., 255, 256 Alexander, R. C., 101 Ancona, M. G., 268, 274 Andre, J., 412, 425 Angus, T. C., 450, 453 Anton, L., 101, 106 Antonia, R. A., 514, 527 Apel, J. R., 339, 340, 345 Archard, J. F., 56, 58, 59 Arie, M., 106, 112 Armstrong, R., 67 Arnal, D., 537 Arzoumanian, E., 527 Asaka, S., 117 Asalor, T. D., 485 Asher, J. A., 489 Ashurst, W. T., 112 Astarita, G., 261, 263 Atwell, N. P., 189 Auchmuty, J. F. G., 237

B

Baba, E., 175, 178 Backus, J., 123, 124, 127, 138, 139, 143, 144 Baer, F., 165 Baglin, K. P., 56, 58, 59 Baines, A., 127 BAKER, G. R., 95-122; 105, 108, 109 Baker, R. J., 449 Balazs, E.A., 249-51, 264 Baldwin, B. S., 297 Bar, E., 255 Barcilon, V., 154, 159 Barenblatt, G. I., 506, 507 Barker, J. A., 379 Barker, S. J., 115 Barnett, C. H., 284 Barr, P. W., 515, 532-34,

Barston, E. M., 240, 241 Bascom, W. D., 386 Basdevant, C., 412, 425 Batchelor, G. K., 101, 174, 319, 406, 407, 410, 411, 491 Bauer, A.B., 71, 73, 79,80, 83, 86, 89 Baumann, W., 514, 516, 517 Beals, R., 237 Beam, R. M., 313 Beardsley, R.C., 363 Beavers, G. S., 89, 138 Bechert, D., 75 Bechert, D. W., 30 Bell, J. B., 528, 530 Bell, T. H., 344, 359, 360 Benade, A. H., 123, 124, 127, 129, 138, 142, 144 Benton, E., 154 Berger, E., 332 Berger, F. P., 514, 516, 517 Berman, N.S., 457, 458, 460, 462 Bernard, P. S., 104 Berry, M. V., 379 Berstein, B., 261 Betts, P. L., 67 Betz, A., 97, 100, 103 Beyer, R. T., 11 Bickley, W. G., 131 Bilanin, A. J., 91, 105, 108 Biot, M. A., 284-85 Bird, R. B., 263 Birkhoff, G., 46, 98, 99, 104 Bjørnø, L., 11 Blackstock, D. T., 11, 14, 15, 17, 18 Blake, T.D., 374, 382 Blendermann, W., 102, 106 Bliss, D., 67, 71, 78, 91 Bliss, D.B., 118 Bloch, B., 249 Block, P. J. W., 91 Bloor, M. I. G., 106 Blosser, J. A., 255 Blottner, F. B., 291 Blumen, W., 154, 157, 425 Blythe, P.A., 23, 24 Boelsma, S.H., 188 Bogdonoff, S. M., 297 Bogoliubov, N. N., 127, 128

BOGY, D.B., 207-28; 218, 219, 221, 223, 224, 226 Bohan, W., 148, 157 Booker, J. R., 361 Boone, J. R., 67 Borland, C. J., 92 Bouhuys, A., 144 Bouis, X., 489 Bowen, R.M., 268 Bowsher, J.M., 124 Boyle, J. A., 249, 250 Boyle, P., 90 Brackenridge, J. B., 69, 80, 86 Bradley, E. F., 509, 515 Bradshaw, P., 78, 189-91, 295, 510, 511, 528, 537 Brandt, S. A., 112 Bremhorst, K., 526 Breslin, J. P., 178 Bretherton, F. P., 53, 155, 156, 168, 360-62, 364, 403, 429, 430, 433, 435, 438 Bridgman, P. W., 505, 518 Briley, W. R., 313 Brindley, J., 159 Briscoe, M. G., 340, 343, 344, 349, 355 Browand, F. K., 91, 95, 108, 324 Brown, G.B., 80, 89, 130, 132, 133 Brown, G. L., 71, 83, 91 Brown, J. A., 156 Brooke Benjamin, T., 109 Brutsaert, W., 514, 517, 523, 524 Bryan, K., 344, 352 BUCHHAVE, P., 443-503; 465, 470, 478, 479, 490, 495 Buckley, J., 148 Buckmaster, J., 390 Budyko, M. I., 160 Buff, F. P., 379 Bullough, P., 257 Burger, A. P., 155 Burgers, J. M., 30 Burggraf, O., 291 Burkhard, M. D., 80, 87 Burley, R., 384 Businger, J. A., 509, 515, 517

Butter, D. J., 106 Buzyna, G., 148, 187, 158 Bykova, L. P., 514, 517 Byrne, H. M., 339, 340, 345

Cairns, J. L., 341, 345, 349, 352, 356 Callahan, M. F., 324 Camosso, M. E., 255 Carmeci, P., 255, 256 Carter, J. E., 291 Case, K. M., 363 Castle, P., 58, 59 Caulk, D. A., 218 Caygill, J. C., 249 Cebeci, T., 185, 187-89, 194, 201, 297 Chakravarthy, S. R., 314 Chamberlain, A.C., 514, 522 Chan, Y. Y., 78, 92 Chanaud, R. C., 132 Chanaud, R. D., 69, 74, 80-82, 84, 87 Chandrasekhar, S., 207, 229, 230, 232, 235, 237-39, 242, Chang, K. C., 188, 189, 194, 201 Chang, Y., 158 Chapela, G. A., 375 Charnell, R. L., 339, 340, 345 Charney, J. G., 147, 151, 154, 160, 409, 418 Charnley, J., 284 Charnock, H., 344 Chaudhary, K. C., 213, 214, 216, 217, 220, 225 Chen, C. P., 521 Cherdron, W., 78 Chester, W., 25 Chong, T. H., 20 Chorin, A. J., 104, 111 Chow, S.-K., 176, 179 Christiansen, J. P., 110, 111, 115 Clark, A., 154 Clark, C. B., 327 Clark, M., 143 Clark, R. W., 106 Clarke, J. F., 15, 20, 23 Clements, R. R., 92, 104, 106, 111, 112 Coakley, T. J., 314 Cobbold, A. F., 284 Cocke, W. J., 407 Cockrell, D. J., 528 Cohen, B. L., 359

Cole, J. A., 41 Cole, J. D., 17, 507 Coleman, B. D., 259 Coles, D. E., 510, 530-32 Coletti, J. M., 255, 256 Collins, W. D., 26 Coltman, J. W., 130, 132-37 Concus, P., 371 Conway-Jones, J. M., 59, 63 Coté, O. R., 527 Cottington, R. L., 386 Cousteix, J., 537 Covert, E. E., 91 Cowling, T.G., 240 Cox, B. G., 53 Cox, C. S., 363, 365 Cox, M. D., 147 Coyne, J. C., 47, 53, 58 Cremer, L., 133, 134 CRIGHTON, D. G., 11-33; 12, 15, 75, 80, 87, 91 Cross, J. J., 174 Crow, S. C., 98, 115, 116 Cumpsty, N. A., 199 Curle, N., 89, 130

Dalle Donne, M., 514, 516, Damms, S. M., 102 Danh, H. Q., 527 Dashen, R., 343 Davidson, G.A., 29 Davies, D. V., 249 Davies, P. O. A. L., 83, 91 Davis, R. E., 363 Davis, R. T., 291, 292 Davis, S. H., 387, 389, 391, 395 Deacon, E. L., 522 Deardorff, J. W., 296 de Brederode, V., 511 De Coster, M. A., 89 Deem, G. S., 115 Defant, A., 340 Deiwert, G. S., 293, 314 del Cerro, M. C. G.; 378 Denman, K. L., 342, 344 Derman, A. W., 344 Derome, J., 167 Desaubles, Y. J. F., 356 Dettre, R. H., 376 de Verdiere, C. A., 435, 436 Dewitt-Morette, C., 244 Dicke, R. H., 240 Dickinson, R., 413, 435 Didden, N., 117, 118 Dimotakis, P. E., 71, 83

Dintenfass, L., 249 Dipprey, D. F., 523 Dive, P., 238 Dolph, C. L., 167 Domaracki, A., 163 Domm, U., 114 Donaldson, C. duP., 105, 108 Donnelly, R. J., 95 Douglas, R. A., 157 DOWSON, D., 35-66; 36, 41-43, 47, 49, 50, 52, 53, 56, 58, 59, 256, 278, 284 Draghici, I., 168 Drain, L. E., 447, 450 Drazin, P.G., 131, 164, 240 Drever, R. G., 345 Dubov, A. S., 514, 517 Duffy, D. G., 167 Dumas, R., 527 Dunlap, J. H., 345 Dunning, S. W., 61-63 Dunning, T. W. Jr., 450, 453, 457, 458, 460, 462 Durrani, T. S., 444, 450, 455 Durst, F., 78, 444, 448 Dushane, T. E., 110 DUSSAN V., E. B., 371-400; 387-89, 391, 395-98 Dutton, J. A., 168 Dyson, F., 345

R

Eady, E. T., 147, 151, 152 East, L. F., 78 Eckelmann, H., 526, 527 Edman, V. W., 339 Edwards, J., 257 Edwards, R. V., 450, 453, 457 Edwards, S. F., 114 Eggers, K. W. H., 178 Eiseman, P. R., 293 Eisenfeld, J., 256, 268, 275, 279, 285, 286 Eisner, E., 124 Ekholm, R., 284 Ekman, V. W., 154 Elder, S. A., 133 Elena, M., 527 Eliassen, A., 154, 241 Eliasson, B., 448 Elliot, G. E. P., 375, 385 Elliot, S. J., 124 Elmore, S. M., 255, 256 Elrod, H. G., 47, 53, 56, 58 Elsenaar, A., 188 Endo, K., 61 Eng. K., 178

Eninger, J. E., 25, 27 Erdman, J. C., 484 Eriksen, C. C., 363 Ertel, H., 402 Ethembabaoglu, S., 80, 81, 83 Etheridge, R., 253-54 Evans, R. A., 106 Evertz, E., 67, 74, 78, 84, 85 Ewing, G., 345 Ezekewe, C. I., 188

P

Fabelinsky, V. I., 434 Fabian, H., 431 Fall, C., 50, 53, 55 Fannelsp, T. K., 188 Farmer, W. M., 448 Fein, J., 148 Ferguson, J., 249, 250 Ferrers, N. M., 238 Ferriss, D. H., 189 Fetter, A. L., 114 Fink, P. T., 104 Fisher, J., 104 Fitts, D. D., 392 Fjørtoft, R., 406 Flatte, S. M., 343 Fletcher, E. T. C., 249 FLETCHER, N. H., 123-46; 127-29, 132-35, 137, 138, 140, 141, 143 Flierl, G., 439 Floberg, L., 37, 48, 49, Fofonoff, N. P., 349, 430 Fog, C., 449 Fohl, T., 117 Fornberg, B., 115 Fortier, A., 520 Foss, J. F., 78 Fowlis, W. W., 148, 157-59 Fox, D., 407, 408, 411, 412 Franch, M. J., 450, 453 Frankignoul, C. J., 350 Freeland, H., 416 Freeman, M. A. R., 255-Freymuth, P., 84 Fricke, K., 229, 230, 240, Frisch, H. L., 383 Fuchs, H. V., 67 Fulachier, L., 527 Fultz, D., 148, 157, 425

G

Gadd, G. E., 174, 177, 196 Gall, R., 160 Gans, D. J., 127, 138, 144 Garcia, R. R., 156 Garcia, R. V., 155 Gargett, A. E., 339, 365 GARRETT, C. 339-69; 348, 351, 352, 354-57, 363 Gasparovic, R. F., 78 Gaster, M., 80, 87, 91, 488 Gauss, K. F., 373 Geisler, J. E., 156 Gellert, R. L., 484 Gent, P.R., 156 GEORGE, W. K. Jr., 443-503; 450, 452-55, 457-59, 462-64, 470, 472, 473, 478, 485, 495 Gibbs, D. A., 249-51, 264 Gibbs, J. W., 373 QIII, A. E., 156, 157 Ginevskii, A. S., 530 Glandt, E. D., 392 Glass, D. R., 70 Glimcher, M. J., 253, 254, 279 Göcke, E., 255 Goedde, E. F., 208, 209 Gold, D. S., 510 Goldreich, P., 241 Goldstein, S., 235 Gomonov, I. P., 514 Gonella, J., 351 Gould, W. J., 343 Gourtot, S., 489 Graebel, W. P., 324 Grant, A. J., 92 Granville, P. S., 510 Grass, A. J., 515 Greated, C. A., 444, 455 Greber, I., 294 Green, A. E., 218, 223, 226, 268 Green, J. S. A., 155, 156, 160, 167, 435 Greenspan, H. P., 153, 154 Gregg, M. D., 355, 363, 365 Greiller, J., 54 Griffith-Jones, R., 100 Grimshaw, R., 401 Gross, M. J., 69, 80 Groves, N. C., 179 Guiraud, J. P., 103 Gümbel, L. K. R., 37, 45 Gupta, A. K., 526, 527

92

Hacker, P. W., 363, 365 Haidvogel, D., 429, 430 Hakkinen, R. J., 294 Hall, R. S., 196 Hamer, K., 24, 25, 27 Hammit, A. G., 70 Hancock, G. J., 106 Hankey, W. L. Jr., 297, 314 Hansen, R. J., 381, 394, 397 Hanson, S., 447 Hardin, J. C., 92 Hardy, W. B., 386 Harrison, D., 435 HART, J. E., 147-72; 153, 156, 159, 161, 163, 164, 166, 167 Harty, R. R., 325, 326 Harvey, J. K., 115 Hasimoto, H., 117 Hatano, S., 196 Havelock, T. H., 113, 174 Havener, A. G., 297 Hayes, S. P., 344, 352 Hayes, W. C., 255, 256, 279 Hayes, W. D., 17, 24 Haynes, J. M., 382 Hays, D. F., 46 Head, M. R., 199 Hedley, T. B., 501 Held, J. L., 344, 352 Heller, H. H., 67, 71, 78, 91 Helmholtz, H. L. F., 97, 138 Hendershott, M., 409, 418, 421, 431 Henderson, D., 379 Herfort, P., 168 Herring, J. R., 165, 407, 408, 411, 412, 431, 433 Herrmann, G., 255 Herterich, K., 359 Hess, J. L., 178, 198 Hide, R., 148, 152, 157, 159, 164, 425 Himeno, Y., 196, 198, 201 Hinze, J.O., 317, 507, 509, 514, 526, 532 Hirsch, C., 255, 284 Hirst, E. A., 510, 530-32 Ho, C.-M., 80, 84, 87 Hocking, L. M., 392, 393 Hoffman, R., 382 Hoffmann, H. P., 176, 179, 198, 201

Hoffmann, P. H., 521, 527 Hogg, N. G., 364 Holdemann, J. D., 78 Holger, D. K., 89 Holland, W., 435, 437 Hollingsworth, A., 156 Holloway, G., 409, 418, 421, Holopainen, E. O., 155 Holton, J., 438 Hopkins, M. R., 46 Hori, R. Y., 255 Hösel, W., 472, 484, 485 Hoskins, B. J., 156, 160, 168, 403, 425 Hotta, T., 196 Howard, L. N., 131, 154, 240 Howe, M. S., 130, 362 Hsu, A. Y., 179 Huang, T. T., 176, 179, 198 Huev. E., 387 Huffman, G. D., 510 Hughes, B. A., 339 Hughes, C. J., 41 Huh, C., 376, 391, 393, 394 Humphreys, D., 188 Hundley, T. C., 138, 144 Hung, C. M., 305, 314 Hunter, W., 251 Huppler, J. D., 263 Hussain, A. K. M. F., 67, 75, 78-81, 84, 91 Hutchins, C. M., 123

I

Ibbetson, A., 406, 413
Boragomiv, M., Kh., 514
Reda, M., 92
Ingard, K. U., 123
Ingard, V., 144
Inul, T., 184
Inverarity, G., 384
Ioselevich, V. A., 513
Irving, J. H., 384
Isaacson, E., 306
Ising, H., 133, 134, 144
Iversen, J. D., 112
Izakson, A., 507
Izumi, Y., 509, 527

J

Jacobs, S. J., 167 Jacobson, M. J., 351 Jaffe, F. F., 253, 265 James, R. A., 237, 241 James, R. D., 59-61 Jameson, G. J., 209, 210, 378 Jansson, E. V., 124 Jasani, M. K., 250 Javatilleke, C. L. V., 523 Jeans, J.H., 238 Zenkina, G. M., 350 Jimenez, J., 27, 102, 103, 106 Johnson, R. E., 376 Johnston, J. P., 190 Jones, E. S., 284 Joubert, P. N., 191, 514, 528, 530-32, 537 Joyce, G., 114 Joyce, T. M., 355, 357, 360, 961

K Kaden, H., 101 Kader, B. A., 511, 513-17, 520-23, 530-35, 537 Kafka, F. Y., 397, 398 Kahn, F. D., 241 Kaiser, J. A. C., 159 Kajitani, H., 184 Kamenkovich, V. M., 341 Kamykowski, D., 342 Kao, T. W., 332, 334 Kaplan, R. E., 526, 527 Karabutov, A. A., 29 Karamcheti, K., 67, 71, 73, 75, 79, 80, 83, 84, 86, 87, 89, 90 Karpuk, M. E., 484 Karweit, M., 113 Katz, E. J., 344, 352, 356, Kaups, K., 185, 187-89, 194, 201 Kaylor, R., 148, 157 Kearsley, E. A., 261 Keer, L. M., 255 Keffer, J. F., 501 Keller, H. B., 291, 306 Keller, J. B., 220-22, 226 Keller, J. L., 148 Kelvin, Lord, 109, 117 Kempson, G. E., 255 Kennedy, B. S., 384 Kennedy, J. F., 325, 326, 327 Kent, E. L., 123 Kestin, J., 77

Khokhlov, R. V., 23

Klda, S., 114

Killeen, J., 312

King, J. L., 90

King, R. G., 249, 263 Kippenhahn, R., 229, 230, 240, 241 Kirde, K., 104 Kirkwood, J. G., 379 Kistler, A. L., 78 Kitazawa, T., 184 Kiya, M., 106, 112 Klebanoff, P. 8., 77 Klein, F., 97 Kleinschmidt, E., 241 Kline, S. J., 528 Klineberg, J. M., 291 Klinksick, W. F., 188 Kloeppel, V., 67, 74, 78, 84, 85 Knisely, C., 72, 77, 81 Kobzar, L. L., 514 Kondo, J., 514, 515 Koop, C. G., 330, 331 Koprov. B. M., 527 Kopta, J. A., 255 Korotkov, B. N., 525 Kort, V. G., 341 Kraichnan, R., 407, 409, 411, 412, 418 Kravchenko, T. K., 527 Kravtsov, Y. A., 492 Kreid, D. K., 481 Kreplin, H.-P., 526, 527 Krogstad, P. A., 188 Krutzsch, C. H., 100 Küchemann, D., 95, 100, Kuei, S. C., 250, 251, 256, 260, 262-65, 268, 274, 275, 279, 285 Kulsrud, R. M., 240 Kuo, H., 435 Kuo, H.-L., 149, 156 Kutler, P., 109, 314 Kutzbach, J. E., 514 Kuwahara, K., 104, 106, 111 Kwei, T. K., 383

T

Lading, L., 447, 457
LaFond, E. C., 344
Lafrance, P., 214-16, 218, 225
LAI, W. M., 247-88; 250, 251, 280, 262, 268, 274
Lamb, G. L., 117
Lamb, H., 107, 108
Lambeck, K., 360
LANDWEBER, L., 173-205; 174, 179, 180, 184, 187,
Larichev, V., 439
Larson, R. B., 233, 242
Larson, L., 179, 196, 198, 201

Lauder, W., 57 Launder, B. E., 190, 505 Laval, G., 241 Law, C. H., 297 Lawn, C. J., 526, 527 Laws, P., 324 Lazier, J. R. N., 355 Leaman, K. D., 350, 351, 359, 360 Leheck, A. O., 53 LEBOVITZ, N. R., 229-46; 229, 237-41, 243 Ledoux, P., 239, 241 Lee, C.-Y., 363 Lee, H. C., 211-13, 217-19, 221-26 Leith, C., 412 Lenschow, D. H., 526 Leonard, A., 117, 296 LeSieur, M., 412, 425 Lesser, M. B., 12, 15 Lester, G. R., 375 Lettau, H., 514, 515 Levich, V. G., 521, 523 Levin, J. J., 233, 234 Levinson, N., 233, 234 Levy, L. L. Jr., 314 LI, C. P., 313 Lichtenstein, L., 109, 237 Liess, C., 118 Lighthill, M. J., 13, 14, 17, 20, 69 Lilly, D. K., 407, 411, 415 Lin, C. C., 96, 113 Lin, J. D., 196 LIN, J. -T., 317-38; 320-23, 327-36 Lindemuth, I., 312 Ling, F. F., 284 Linn, F. C., 266, 284 Lipshitz, H., 253-54, 256, 268 Lo, R. K. C., 109 Locher, F. A., 71 Loesch, A. Z., 163 LOMAX, H., 289-316; 297 Lombard, C. K., 314 Long, R. R., 148, 157, 324, Longfield, M. D., 278, 284 Longuet-Higgins, M. S., 347 Lopez, J., 390 Lorenz, E. N., 137, 152, 165 Luce, D., 143 LUMLEY, J. L., 443-503; 450, 452-55, 457, 462, 463, 465, 470, 478, 495, 496, 498, 500

Lundgren, T. S., 114, 115, 409 Lynden-Bell, D., 240 Lyttleton, R. A., 243

Macagno, M., 179, 180, 187 MACCORMACK, R. W., 289-316; 194, 205, 208, 313, 314 Maeder, P. F., 77 Maghdi, P. M., 218, 227 Magnus, G., 207 Mak. M. K., 167 Makeham, P. M., 41, 54 Malcom, L. L., 278, 284 Manabe, S., 429, 433 Mangler, K. W., 102, 103 Mankin, H. J., 253, 265 Manners, J., 257 Mansour, J. M., 256, 257, 275, 277-79, 284, 285 Mark, J. W. -K., 237 Markatos, N. C. G., 195 Markham, R. L., 249 Marotti, G., 255 Maroudas, A., 253, 257, 266, 281-83 Marrucci, G., 261, 263 Marshall, J. K., 515 Martin, D. W., 138, 143 Martin, W. W., 67, 90 Marunich, S. V., 514, 517 Marvin, J. G., 296 Maskell, E. C., 98, 100, 195 Maskew, B., 105, 106 Mason, J. P., 92 Mason, P. J., 148, 152, 157, 164 Mason, S. G., 376, 387, 394 Mastin, C. W., 293 Maszatics, J.M., 78 Matsui, S., 196 Maull, D. J., 78, 92, 104, 106, 111, 112 Maxworthy, T., 118 Mayfeh, A. H., 214-16 McCanless, G. F., 67 McCarthy, M. J., 207 McComas, C. H., 360-65 McCullough, J. R., 343 McCutchen, C. W., 256, 278 McDonald, H., 313 McEwan, A. D., 362 McIntyre, M. E., 156 McKean, R. S., 355 McNaughton, J. L., 78

McSween, R. N. M., 250

Meachim, G., 252, 253 Mei, C. C., 325 Melling, A., 444 Mendousse, J. S., 18 Mercer, D. M. A., 137 Mercier, C., 241 Merilees, P., 165, 406 Merkine, L. O., 168 Merril, E. W., 249 Merritt, G. E., 327 Mestel, L., 230, 237 Meyer, L., 514, 516, 517 Michalke, A., 67, 75 Michel, R., 537 Miksad, R. W., 77, 81, 82, 84, 85, 89 Milder, D. M., 351 Miles, J. W., 154, 155, 401 Milinazzo, F., 111 Miller, C. A., 378, 390 Millikan, C. B., 507, 533 Millington, P. F., 257 Millionshchikov, M. D., 514 Milne, A. A., 56 Miloh, T., 117, 174, 187, 202 Mintz, Y., 435 Mitropolsky, Y. A., 127, 128 Miura, R. M., 13, 29 Mockros, L. F., 255, 256, Moen, L., 161 Moffatt, H., 413 Molloy, N. A., 207 Monaghan, J. J., 237 Monin, A. S., 341, 506, 507, 509, 511, 513, 514, 517, 518, 526, 527, 529, 531 Monroe, R. J., Jr., 325 Montgomery, D., 114 Mobre, C. J., 30 Moore, D. W., 97, 99, 100, 102, 103-05, 107, 108, 111, 112, 116-18 Moran, J. P., 15 Morel, T., 89 Morikawa, G. K., 113 Morikawa, Y., 537 Morkovin, M. V., 74, 77, 78, 528 Morris, P.J., 78 Morse, P. M., 123, 124, 126, 129 Moser, A., 185, 187-89, 194, 201 Moura, A. D., 156 MOW, V. C., 247-88; 250,

251, 256, 257, 260, 262,

268, 274, 275, 277-79, 281, 283-86 Mowbray, D. E., 347 Muir, H., 253, 257 Mffler, P., 342, 348, 354, 355, 357, 360, 364 Mullbolland, R., 257 MUNK, W., 339-369; 345, 346, 351, 352, 354-57, 363 Munk, W. H., 342, 343, 357 Myers, A. L., 392 Myers, R. R., 249 Mysak, L. A., 362

90

Naghdi, P. M., 268 Nakashima, M., 61 Nakato, M., 196 Nash, J. F., 185, 188-91, 193, 194 NAUDASCHER, E., 67-94; 67, 71, 87, 89, 90 Nayfeh, A. H., 12, 80, 87 Nederveen, C. J., 123, 124, 126, 127, 138 Negami, S., 249 . Neuwerth, G., 67, 74, 78, 84, 85, 88 Newell, A. C., 163 Newman, B. G., 537 Newman, J. N., 174, 178 Nikuradse, J., 513 Noll, W., 259 Norbäck, B., 284 Norcini, R., 155 Norris, G., 255, 256 Nossier, N. S. M., 80, 84, 87 Novikov, E. A., 114 Nuki, G., 249 Nyborg, W. L., 80, 87, 89

Obukhov, A. M., 506, 518
Ockendon, H., 15, 23, 24
Oglivie, T. F., 177
Ogle, J. B., 90
Ogston, A. G., 249
Okada, T., 61
Olbers, D. J., 354, 355, 357, 359-61, 364
Oldroyd, J. G., 264
Oldroyd, J. F., 387
Olson, H. F., 123, 129
Olsson, K. O., 55
Onsager, L., 95, 114, 409
Ovt, A. H., 147, 435

Orlanski, I., 147, 156, 167 Orloff, K. L., 448 Orszag, S. A., 98, 407, 408, 411, 412, 425 Oshima, Y., 117 Ostapoff, F., 344, 352, 363 Ostriker, J. P., 230, 237, 240, 243 Owens, P. R., 523 Owens, G. V., 148, 157 Owens, W. B., 433

P

Paczynski, B., 244 Padday, J. F., 373 Padmanabhan, M., 67, 90 Paeschke, W., 514 Palfrey, A. J., 249 Palm, E., 152 Panofsky, H. A., 526 Pao, H. P., 332, 334 PAO, Y. -H., 317-38; 320, 324, 326-36 Paranjape, S.V., 74 Patankar, S. V.; 194, 510 PATEL, V. C., 173-205; 174, 185, 187-91, 193, 194, 201, 202 Paul, J. P., 248 Peake, D. J., 195 Pearson, J. R.A., 53 Pedlosky, J., 151-55, 161, 162, 164-66, 425 Peixoto, J. P., 147, 435 Pellat, R., 241 Perkins, H. T., 344 Perry, A. E., 191, 514, 521, 526-28, 530, 531 Perry, F. J., 115 Peyret, R., 304 Pfeffer, R. L., 148, 157-59 Pfeiffer, H. T., 489 Pfizenmaier, E., 30, 75 Phillips, N. A., 151, 153, 356, 401 Phillips, O.M., 340, 346, Pierce, D., 100 Pierce, F. J., 188, 510 Pilipenko, V. N., 513 Pimbley, W. T., 211-13, 218, 221-25 Pinkel, R., 345, 349, 354, 356, 363 Pitts, E., 54 Plate, E. J., 514, 517 Plumb, R. A., 157, 164 Pocklington, H. C., 109 Poincare, H., 237, 243

Pointin, Y. B., 114, 115, 409 Poldervaart, L.J., 69, 70, 73, 74, 76 Polyakova, A. L., 23 Ponquet, A., 412, 425 Powell, A., 69, 74, 80-7, 132 Prahlad, T. S., 191 Prandtl, L., 46, 101, 103, 421 Prasad, P., 31 Pratt, R. L., 124 Preston, J. H., 185, 187, 196, 198 Proni, J. R., 339, 340, 345, 363 Proudman, J., 153 Prych, E. A., 325, 326 Pulliam, T. H., 314

Q

Quick, A. W., 67, 74, 78, 84, 85 Quinet, A., 165, 167

R

Rachman, D., 61 Radin, E. L., 278 Radley, R.J., 297 Raetz, G.S., 193 Raja Gopal, E.S., 116 Ramsey, J., 185, 187-89, 194 Rannie, W. D., 529 Rao, D. B., 167 Rarity, B. S. H., 347 Rastogi, A. K., 190 Rayleigh, Lord, 123, 130, 131, 207, 209, 213, 377, 378 Redekopp, L., 439 Redler, I., 281, 285, 286 Regenfuss, M. D., 89 Rehme, K., 514, 516, 517 Reid, R. O., 355 Reimann, B., 243 Reynolds, O., 37, 45 Reynolds, W. C., 505 Reznik, S., 439 RHINES, P. B., 401-441; 408, 411, 414, 416, 420, 421, 429, 431, 433-35, 438 Richardson, E. G., 129 Richardson, L. F., 411 Riddiford, A. C., 375, 385 Roberts, J., 340 Roberts, J. B., 487

Roberts, K. V., 111 Roberts, P.H., 95 Robinson, A., 435 Robinson, J. B., 159 Robinson, R. M., 362 Rockstro, R. S., 129 ROCKWELL, D., 67-94; 67, 69, 71, 72, 77, 78, 81, 87, 89, 90 Roder, C. A., 387 Rodi, W., 190, 472, 484, Rogers, T. G., 21 Romea, R., 163 Rose, W. C., 296 Rosenberg, L. C., 252, 253 Rosenbluth, M. N., 363 Rosenhead, L., 104 Roshko, A., 71, 83, 91, 95, 108 Rossby, T., 416 Rossiter, J. E., 78, 91 Rossow, V. J., 111, 113 Rott, N., 99, 102 Rotta, J. C., 190, 505 Rowlinson, J. S., 375 Roxburgh, I., 237, 243 Rubesin, M. W., 296 Rubinow, S. I., 220-22, 226 Ruckenstein, E., 378, 390 Ruddick, B. R., 355, 357, 360, 361 Ruddy, A. V., 61, 62 Rudenko, O. V., 11, 18, 20, 22-24, 29, 30 Rutland, D. F., 216, 218, 225

8

Sabersky, R. H., 515, 523 Sachdev, P. L., 20 Sachdeva, R. C., 185, 187, 196, 198 Sacks, A. H., 101 SAFFMAN, P. G., 95-122; 97, 102-05, 107-09, 111-13, 116-18 Salmon, R., 409, 421, 425, 426, 431 Saltzman, B., 161, 167 Saman, W. Y., 58, 59 Sambuco, E., 343 Samuel, A. E., 531, 532, Sanford, T. B., 342, 345, 350, 351, 364 Santelli, N., 179 Sargent, L. M., 77 Saric, W. S., 80, 87

Sarohia, V., 75, 76, 79-81, 83-86, 90, 91 Sarpkaya, T., 105, 106, 112 Sato, H., 132 Savage, M. D., 50, 55 Savart, F., 207 Savic, P., 131 Saville, G., 375, 379, 392 Schilling, H. K., 80, 87 Schlichting, H., 317, 514 Schmitz, W., 426, 428 Schoffeld, W. H., 514, 530, 531 Schonhorn, H., 383 Schooley, A. H., 326, 332 Schubert, G., 241 Schumacher, R. T., 135, 142 Schumann, U., 296 Schwartz, A. M., 384, 387 Schwarzschild, M., 230, 232, 234, 240 Scott, D. S., 29 Scott, P. A. J., 54 Scott, P. F., 489 Scott Blair, G. S., 249 Scriven, L. E., 391, 393 SEARS, M. R., 1-10 SEARS, W. R., 1-10 Sedov, L. L., 505, 518 Seebass, A. R., 15, 20 Seginer, I., 515 Sela, J., 167 Sellers, R. L., 363 Sellers, W. D., 160 Semptner, W., 435 Settles, G. S., 297 Shang, J. S., 297, 313, 314 Shearer, J. R., 174 Sheffield, J. S., 108, 109 Shen, S. F., 15 Shields, W. L., 71, 73, 79, 80, 86, 89 Shih, C. C., 27 Shlien, D. J., 117 Shokoohi, F., 224 Stedler, G., 349 Stegmann, W. L., 351 Simmons, A. J., 156, 160, 425 Simons, T.J., 165, 167 Simpson, R. L., 515, 532-34, 537 Sinai, Y. L., 15, 20, 23 Singleterry, C. R., 386 Sirovich, L., 20 Slančiauskas, A., 521, 527 Slavin, A. R., 22 Smith, A. M. O., 297 Smith, A. M. P., 179, 198

Smith, E. H., 41, 47, 49-51, 53, 54 Smith, J. H. B., 106 Smith, K. A., 249 Smith, R. C., 241 Smith, R. K., 163 Smith, S. H., 390 Snedeker, R.S., 105 Soh, W. K., 104 Sokoloff, L., 252, 255, 256, 266 Sokolovskii, A. R., 514 Solberg, H., 150 Solodkin, E. E., 530 Soluyan, S. L, 11, 18, 20, 22-24, 30 Sommerfeld, A., 37 Sondhaus, C., 67 Sovran, G., 528 Spalding, D. B., 195, 505, 510 Spence, D. A., 15, 23, 24 Spiegel, E. A., 149 Spreiter, J. R., 101 Spriggs, T. W., 263 Standing, R. G., 177 Stanier, J. E., 249 Starr, V. P., 407 Stauffer, D., 114 Stegen, G. R., 71, 73, 75, 79, 80, 83, 84, 86, 89, 344, 352 Steger, J. L., 109, 291, 314 Stern, M., 103 Stern, M. E., 151, 154, 439 Stevenson, T. N., 324 Stewart, R. W., 326, 332 Stewartson, K., 289, 291 Stieber, W., 45 Stockhausen, P.J., 327 Stockwell, R. A., 252, 253 Stoeckly, R., 237 Stone, P. H., 150, 156, 160, 167 Stratford, B. S., 530 Strickland, J. H., 515, 532-34, 537 Strong, W., 129 Stuart, J. T., 160, 161 Sturtevant, B., 27 Subbotin, V. I., 514 Sullivan, R. D., 105 Sundblad, L., 249 Sung, C.-H., 240 Sutera, S. P., 77 Suzuki, K., 178 Swanson, S. A. V., 255-57 Swenson, E. V., 113

Swift, H. W., 45 Synge, L. L., 96

m

Talt. P. G., 242 Takami, H., 104, 111 Tan, F. C., 78 Tanaka, I., 196, 198, 201 Tang, C. M., 161, 167 Taranov, G. S., 514 Tatinclaux, J.-C., 176 Taub, H. H., 210, 211, 216, 220, 224, 226 Tayler, R. J., 230, 232 TAYLOR, C. M., 35-66; 36, 42, 47-9, 52, 53, 55 Taylor, G. L., 17, 47, 53, 153, 405, 418, 435 Taylor, J. B., 114 Tejada, S. B., 384 Tennekes, H., 507, 510, Terpstra, T., 429, 433 Terrell, M. G., 190 Teske, M. E., 105, 108 Thames, F. C., 293 Thomas, D. J., 78 Thompson, J. F., 293 Thompson, S., 375 Thomson, W., 242 Thomson, W. R., 523 Thorpe, S. A., 357-59 Thwaites, S., 132, 133 Tidstrom, K. D., 77 Tiederman, W. G. Jr., 484 Timm, G. K., 324 Ting, L., 109 Tkachenko, V. K., 114 Tolstoy, L., 31 Toomre, A., 244 Toong, T. Y., 381, 394, 397 Torzilli, P.A., 256, 284, 285 Townes, H. W., 515 Townsend, A., 407 Townsend, A. A., 96, 317, 507-9, 526, 530 Townsin, R. L., 174 Toyoda, S., 58 Trilling, L., 294 Tritton, D., 406, 413 True, H., 168 Tsai, C. Y., 118 Tsuji, Y., 537 Tu, Y. O., 220-22, 226 Tuck, E. O., 187 Tulin, M. P., 327 Turner, J. S., 117 Trou, T.-S., 176

U

Uberoi. S. B. S., 196

V

Van de Bergh, H., 50 van den Berg, B., 191 Van der Pol, B., 127 Van de Watering, W. P. M., 327 Van Dyke, M. D., 12, 291, 507 van Moll, L. H. A. M., 69, 70, 73, 74, 76 van Voorthuisen, E. J., 69, 70, 73, 74, 76 van Wijingaarden, L., 28, 29 Variey, E., 21 Vas, I. E., 297 Veehuizen, S. D., 320-23, 334-36 Veronis, G., 149, 155 Viegas, J. R., 314 Vincenti, W. G., 25, 27 Vinogradov, A. M., 22 Viviand, H., 304 Volkov, Yu. A., 527 von Gierke, H., 69 von Kerczek, C., 187, 196 von Zeipel, H., 237 Voorhis, A., 416 Voorhis, A. D., 344 Vorob'ev, E. M., 22

w

Wagner, F. R., 74, 87 Walker, P. S., 278, 284 Walker, T.B., 526 Wang, D. P., 214 Wang, H. T., 179 Wang, K. C., 195 Warming, R. F., 313 Warn, H., 156, 406 Washburn, E. W., 372 Watson, J., 161 Watson, J. G., 351 Watson, K. M., 343, 359 Watts, D. G., 350 Wavre, R., 236 Webb, D., 416 Weber, C., 217, 218 Weber, J., 100, 102, 103 Webster, C. A. G., 319 Webster, P.J., 148 Webster, W. C., 176, 196 Wedermeyer, E., 101, 106 Wehausen, J. V., 174 Weidman, P.D., 95

Weil, J., 148, 157 Weinstock, J., 413 Weiss, C., 253, 265 Wenner, M. L., 218 Werle, M. J., 291, 292 West, B. J., 359 West, G. D., 372 West, G.H., 249 Westervelt, P.J., 11 Westwater, F. L., 104 Whitaker, A. V., 56, 59 White, J. B., 249 White, R. K., 249 Whitehead, A. W., 514, 516, 517 Whitehead, J., 435 Whitelaw, J. H., 78, 444, 485 Whitham, G. B., 17, 29 Widnall, S. E., 105, 118 Wigley, C., 449 Wigley, W. C. S., 174 Wijnands, A. P. J., 69, 70, 73, 74, 76 Wille, R., 332 Willebrand, J., 354, 355, 357 Williams, G. O., 345, 349, 352, 356 Williams, G. P., 159, 413-15, 425, 435 Williams, P. O., 249 Williamson, G. G., 105, 108 Willmarth, W. W., 78 Wilson, R.W., 59, 62 Wilson, S. D. R., 386 Wilson, T. A., 89, 138 Winant, C. D., 91, 108, 324 Wingham, J., 253, 257 Wolveridge, P. E., 56, 58, Woo, S, L., 255, 256 Wood, D. H., 514 Woodbridge, C. L., 87 Wooding, R. A., 515 Woolley, J. P., 67, 71, 73, 79, 80, 86, 87, 89, 90 Worman, W. E., 127, 138, 142 Wright, V., 278, 284 Wu, J., 174, 327 Wunsch, C., 357 Wyngaard, J. C., 509, 526, 527

31

YAGLOM, A. M., 505-40; 506, 507, 509, 511, 513, 514, 517, 520-23, 526, 527 529, 530, 531, 533-35, 537
Yajntk, K. S., 507
Yarnold, G. D., 387
Yth, C. S., 323, 324
Young, T., 372
Yuen, M. -C., 208-10, 214 - 18
Yule, A. J., 83, 91

Zabusky, N. J., 111, 115 Zachariasen, F., 343 Zahn, J.-P., 240 Zaman, K. B. M. Q., 67, 75, 80, 81, 84 91 Zapas, L.J., 261 Zaric, Z., 527
Zarins, A., 253, 265
Zedan, M. F., 78, 79
Zel'dovich, Ya. B., 506
Zenk, W., 356
Zetter, B., 345
Zeytounian, R. Kh., 103
Zisman, W. A., 375, 392
Zukauskas, A., 521, 527

# **CUMULATIVE INDEXES**

### CONTRIBUTING AUTHORS, VOLUMES 7-11

A

Ashton, G. D., 10:369-92

B

Baker, G. R., 11:95-122
Belotserkovskii, S. M., 9:
469-94
Berman, N. S., 10:47-64
Binnie, A. M., 10:1-10
Bird, G. A., 10:11-31
Bird, R. B., 8:13-34
Bogy, D. B., 11:207-28
Bradshaw, P., 9:33-54
Brennen, C., 9:339-97
Brooks, N. H., 7:187-211
Browand, F. K., 7:273-305
Buchhave, P., 11:443-503
Burgers, J. M., 7:1-11
Busse, F. H., 10:435-62

C

Callander, R. A., 10:129-58
Canny, M. J., 9:275-96
Cermak, J. E., 8:75-106
Christiansen, W. H., 7:115-39
Comte-Bellot, G., 8:209-31
Corcos, G. M., 10:267-88
Crighton, D. G., 11:11-33

Csanady, G. T., 7:357-86

E

Davidson, J. F., 9:55-86 Davis, S. H., 8:57-74 Dickinson, R. E., 10:159-95 Dowson, D., 11:35-66 Dussan V., E. B., 11:371-

-

Ffowes Williams, J.E., 9: 447-68

Fischer, H. B., 8:107-33 Fletcher, N. H., 11:123-46 Flick, R. E., 8:275-310

a

Garrett, C., 11:339-69 George, W. K.Jr., 11:443-503 Goldsmith, H. L., 7:213-47 Griffith, W. C., 10:93-105 Guedes de Carvalho, J. R. F., 8:55-86

H

Harrison, D., 9:55-86 Hart, J., 11:147-72 Hertzberg, A., 7:115-39 Hill, J. C., 8:135-61 Holt, M., 8:187-214 Hütter, U., 9:399-419

I

Imberger, J., 10:267-88 Inman, D. L., 8:275-310

J

Jenkins, J. T., 10:197-219 Jones, R. T., 9:1-11

K

Keller, H. B., 10:417-33 Koh, R. C. Y., 7:187-211

L

Ladyzhenskaya, O. A., 7: 249-72 Lai, W. M., 11:247-88 Landweber, L., 11:173-205 Laufer, J., 7:307-26 Laws, E. M., 10:247-66 Lebovitz, N. R., 11:229-46 Leibovich, S., 10:221-46 Leith, C. E., 10:107-28 Libby, P. A., 8:351-76 Lin, J.-T., 11:317-38 Livesey, J. L., 10:247-66 Lomax, H., 7:63-88, 11: 285-316 Lumley, J, L., 11:443-503

M

MacCormack, R. W., 11:289-316
Maxworthy, T., 7:273-305
Mei, C. C., 10:393-416
Morel-Seytoux, H. J., 8:233-74
Mow, V. C., 11:247-88
Munk, W., 11:339-69

N

Naudascher, E., 11:67-94 Nordstrom, C. E., 8:275-310

P

Palm, E., 7:39-61 Pao, Y.-H., 11:317-38 Patel, V. C., 11:173-205 Patterson, G. S.Jr., 10:289-300 Pearson, J. R. A., 8:163-81 Pedley, T. J., 9:229-74 Peterlin, A., 8:35-55 Pipkin, A. C., 9:13-32 Plesset, M. S., 9:145-85 Prosperetti, A., 9:145-85

R

Raichlen, F., 7:327-56 Reethof, G., 10:333-67 Reshouko, E., 8:311-49 Reynolds, W. C., 8:183-208 Rhines, P., 11:401-41

#### 552 CONTRIBUTING AUTHORS,

Rockwell, D., 11:69-94 Rouse, H., 8:1-12 Rusanov, V. V., 8:377-404 Russell, D. A., 7:115-39 Ryzhov, O. S., 10:65-92

8

Saffman, P. G., 11:95-122 SavIlle, D.A., 9:321-37 Sears, M. R., 11:1-10 Sears, W. R., 11:1-10 Sherman, F.S., 10:267-88 Skalak, R., 7:213-47 Spielman, L. A., 9:297-319 Steger, J. L., 7:63-88

T

Tani, I., 9:87-111
Tanner, R. I., 9:13-32
Taub, A. H., 10:301-32
Taylor, C. M., 11:35-66
Tien, C. L., 7:167-85
Tuck, E. O., 10:33-44

W

Widnall, S. E., 7:141-65

Wleghardt, K., 7:89-114 Williams, F.A., 8:351-76 Williams, J.C.III, 9:113-48 Willmarth, W.W., 7:13-38 Winet, H., 9:339-97 Wooding, R. A., 8:233-74

Y

Yaglom, A. M., 11:505-40

Z

Zel'dovich, Ya. B., 9:215-28

## CHAPTER TITLES, VOLUMES 7-11

HISTORY		
Some Memories of Early Work in Fluid		
Mechanics at the Technical University		
of Delft	J. M. Burgers	7:1-11
Hydraulics' Latest Golden Age	H. Rouse	8:1-12
Recollections from an Earlier Period in		014 48
American Aeronautics	R. T. Jones	9:1-11
History of Boundary-Layer Theory	I. Tani	9:87-111
Some Notes on the Study of Fluid Mechanics	-	*****
in Cambridge, England	A. M. Binnie	10:1-10
The Karman Years at GALCIT	W. R. Sears, M. R. Sears	11:1-10
FOUNDATIONS		
Mathematical Analysis of Navier-Stokes		
Equations for Incompressible Liquids	O. A. Ladyzhenskaya	7:249-72
Steady Non-Viscometric Flows of Viscoelastic		
Liquids	A. C. Pipkin, R. I. Tanner	9:13-32
Relativistic Fluid Mechanics	A. H. Taub	10:301-32
NON-NEWTONIAN FLUIDS, RHEOLOGY		-01002 02
Useful Non-Newtonian Models	R. B. Bird	8:13-34
Instability in Non-Newtonian Flow	J. R. A. Pearson	8:163-81
Steady Non-Viscometric Flows of Viscoelastic		01100 01
Liquids	A. C. Pipkin, R. I. Tanner	9:13-32
INCOMPRESSIBLE, INVISCID FLUIDS	or or regiment and to common	0110 00
The Structure and Dynamics of Vortex		
Filaments	S. E. Widnall	7:141-65
Vortex Interactions	P. G. Saffman, G. R. Baker	11:95-112
COMPRESSIBLE FLUIDS		
A Blunt Body in a Supersonic Stream	V. V. Rusanov	8:377-404
Compressible Turbulent Shear Layers	P. Bradshaw	9:33-54
Viscous Transonic Flows	O. S. Ryzhov	10:65-92
MAGNETOHYDRODYNAMICS, PLASMA FLOW,		
Electrokinetic Effects with Small Particles	D. A. Saville	9:321-37
Magnetohydrodynamics of the Earth's Dynamo	F. H. Busse	10:435-62
VISCOUS FLUIDS		
Mathematical Analysis of Navier-Stokes		
Equations for Incompressible Liquids	O. A. Ladyzhenskaya	7:249-72
Steady Non-Viscometric Flows of Viscoelastic		
Liquids	A. C. Pipkin, R. I. Tanner	9:13-32
Electrokinetic Effects with Small Particles	D. A. Saville	9:321-37
Viscous Transonic Flows	O. S. Ryzhov	10:65-92
BOUNDARY-LAYER THEORY		
Pressure Fluctuations Beneath Turbulent		
Boundary Layers	W. W. Willmarth	7:13-37
Boundary-Layer Stability and Transition	E. Reshotko	8:311-49
Compressible Turbulent Shear Layers	P. Bradshaw	9:33-54
History of Boundary-Layer Theory	I. Tani	9:87-111
Incompressible Boundary-Layer Separation	J. C. Williams III	9:113-44
Numerical Methods in Boundary-Layer Theory	H. B. Keller	10:417-33
Ship Boundary Layers	L. Landweber, V. C. Patel	11:173-205
STABILITY OF FLOW	•	
The Stability of Time-Periodic Flows	S. H. Davis	8:57-74
Instability in Non-Newtonian Flow	J. R. A. Pearson	8:163-81

## 554 CHAPTER TITLES

Boundary-Layer Stability and Transition The Structure of Vortex Reakdown Self-Sustained Oscillations of Impinging Free Shear Layers Finite Amplitude Barcolinic Instability TURBULENCE Pressure Fluctuations Beneath Turbulent Boundary Layers New Treads in Experimental Turbulent Boundary Layers New Treads in Experimental Turbulence Besearch Homogeneous Turbulent Mixing with Chemical Reaction Computation of Turbulent Flows Hot-Wire Anemometry Turbulent Flows involving Chemical Reactions Compressible Turbulent Shear Layers Acroacoustics Turbulence and Mixing in Stably Stratified Waters Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection Flow Lasers Heat TRANSFER Fluid Mechanics of Heat Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers Homogeneous Turbulent Mixing with Chemical Reaction Reaction Resction Turbulent Flows Involving Chemical Reactions Dust Explosions SINCE WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream Underwater Explosions SINCE WAVES, EXPLOSIONS A Bunt Body in a Supersonic Stream Underwater Explosions Air Flow and Sound Generation in Musical Windel Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Windel Aguations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Windel Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Windel Aguations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Windel Aguations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Windel Aguations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Windel Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Windel Aguations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Windel Aguations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Windel Aguation Turbulence and Mixing in Stably Stratified Waters  Wakes in St			4
Self-Sustained Oscillations of Impinging Free Shear Layers Finite Amplitude Barcolinic Instability TURBULENCE Free sure Fluctuations Beneath Turbulent Boundary Layers New Treads in Experimental Turbulence Research Reaction Computation of Turbulent Mixing with Chemical Reaction Computation of Turbulent Flows Rich-Wire Anemometry Turbulent Flows involving Chemical Reactions Compressible Turbulent Shear Layers Acroacoustica Turbulence and Mixing in Stably Stratified Waters  Gestrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer The Measurement of Turbulence with the Laser-Doppler Anemometer Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection Reaction Nonlinear Thermal Convection Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions A Blumt Body in a Superscolc Stream Underwater Explosions A Blumt Body in a Superscolc St	Boundary-Layer Stability and Transition	E. Reshotko	8:311-49
Free Shear Layers Finite Amplitude Barcelinic Instability  TURBULENCE Pressure Fluctuations Beneath Turbulent Boundary Layers New Treads in Experimental Turbulence Research Homogeneous Turbulent Mixing with Chemical Reaction Computation of Turbulent Flows Hot-Wire Anemometry Turbulent Flows Involving Chemical Reactions Compressible Turbulent Shear Layers Aeroacoustics Turbulent Flows Involving Chemical Reactions Compressible Turbulent Shear Layers Aeroacoustics Turbulence and Mixing in Stably Stratified Waters  Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer The Measurement of Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection Heart TRANSFER Fluid Mechanics of Heat Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers  Homogeneous Turbulent Mixing with Chemical Reaction Dust Explosions SIGCK WAVES, EXPLOSIONS A Bluit Body in a Supersonic Stream Underwater Explosions SIGCK WAVES, EXPLOSIONS A Bluit Body in a Supersonic Stream Underwater Explosions SIGCK WAVES, EXPLOSIONS A Bluit Body in a Supersonic Stream Underwater Explosions SIGCK WAVES, EXPLOSIONS A Bluit Body in a Supersonic Stream Underwater Explosions A Bluit Body in a Supersonic Stream Underwater Explosions A Bluit Body in a Supersonic Stream Underwater Explosions A Bluit Body in a Supersonic Stream Underwater Explosions A Bluit Body in a Supersonic Stream Underwater Explosions A Bluit Body in a Supersonic Stream Underwater Explosions A Bluit Body in a Supersonic Stream Underwater Explosions A Bluit Body in a Supersonic Stream Underwater Explosions A Bluit Body in a Supersonic Stream Underwater Explosions  A Bluit Body in a Supersonic Stream Underwater Explosions  A Bluit Body in a Supersonic Stream Underwater Explosions  A Bluit Body in a Supersonic Stream Underwater Explosions  A Bluit Body in a Supersonic Stream Underwater Explosions  A Bluit Body in a Supersonic Stream Underwater Explosions  A Bluit Body in a Supersonic Stream Underwater Explosions  A Bluit Body in a Supersonic Stream Underwater E		S. Leibovich	10:221-46
Finite Amplitude Barcelinic Instability URBULENCE Pressure Fluctuations Beneath Turbulent Boundary Layers New Treads in Experimental Turbulence Hessearch Homogenecous Turbulent Mixing with Chemical Reaction Computation of Turbulent Flows Compressible Turbulent Shear Layers Acroscoustics Turbulence and Mixing in Stably Stratified Waters Geostrophic Turbulence The Measurement of Turbulent wall Flows Geostrophic Turbulent Wall Flows Geostrophic Turbulent Wall Flows CONVECTION Roalinear Thermal Convection HEAT TRANSFER Fluid Mechanics of Heat Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Bust Explosions A Bluit Body in a Supersocie Stream Underwater Explosions A Bluit Body in a Supersocie Stream Underwater Explosions Turbulence—Generated Noise in Pipe Flow Model Equations of Nonlinear Acountics Throw and Sound Generation in Musical Wind Instruments FLOWS in Heterocopy in Stably Stratified Waters  F. S. Sherman, J. Imberger, G. M. Corcos P. B. Rhinae 11:401-41 12:405-40 12:67-88 11:401-41 12:405-503 12:67-88 11:401-41 12:505-40 12:67-88 12:43-503 12:67-88 12:445-503 12:67-88 12:445-503 12:67-88 12:447-68 12:67-88 12:67-88 12:67-88 12:67-88 12:67-88 12:67-88 12:67-88 12:67-88 12:67-88 12:67-88 12:67-88 12:67-88 12:67-88 12:12-3-65 12:67-88 12:			
TURBULENCE Pressure Fluctuations Beneath Turbulent Boundary Layers New Treads in Experimental Turbulence Research Homogeneous Turbulent Mixing with Chemical Reaction Computation of Turbulent Flows Hot-Wire Anemometry Turbulent Flows Involving Chemical Reactions Compressible Turbulent Shear Layers Aeroacoustics Turbulence and Mixing in Stably Stratified Waters  Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer The Measurement of Turbulent Wall Flows CONVECTION Rominear Thermal Convection HEAT TRANSFER Fluid Mechanics of Heat Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers  Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions SHOCK WAVES, EXPLOSIONS A Blust Body in a Supersocie Stream Underwater Explosions SHOCK WAVES, EXPLOSIONS A Blust Body in a Supersocie Stream Underwater Explosions At Flow and Sound Generation in Musical Wind Instruments FLOWS IN HETERGOGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceanographic Application Turbulence and Mixing in Stably Stratified Waters  Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met  10:333-416 10:339-416 10:267-88 11:447-68 11:437-503 10:267-88 11:447-68 11:237-66 11:437-69 11:447-69 11:237-66 11:437-69 11:447-69 11:437-69 11:447-69 11:437-69 11:447-69 11:437-69 11:447-69 11:447-69 11:437-69 11:447-69 11:437-69 11:447-69 11:437-69 11:447-69 11:437-69 11:447-69 11:437-69 11:447-69 11:447-69 11:437-69 11:447-69 11:4			
Pressure Fluctustions Beneath Turbulent Boundary Layers New Treads in Experimental Turbulence Bessarch Homogeneous Turbulent Mixing with Chemical Reaction Computation of Turbulent Flows Hot-Wire Anemometry Turbulent Flows wolving Chemical Reactions Compressible Turbulent Shear Layers Acroscoustics Turbulence and Mixing in Stably Stratified Waters Geostrophic Turbulence The Measurement of Turbulent with the Laser-Doppler Anemometer The Measurement of Turbulent Wall Flows Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection HEAT TRANSFER Fluid Mechanics of Heat Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions A Blunt Body in a Supersocie Stream Underwater Explosions A Blunt Body in a Supersocie Stream Underwater Explosions A Blunt Body in a Supersocie Stream Underwater Explosions Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acounties Turbulence and Mixing in Stably Stratified Waters  F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88 11:443-503 11:44		J. E. Hart	11:147-72
Roundary Layers New Trends in Experimental Turbulence Research Homogeneous Turbulent Mixing with Chemical Reaction Computation of Turbulent Flows Hot-Wire Anemometry Turbulent Flows Involving Chemical Reactions Compressible Turbulent Shear Layers Aeroacoustics Turbulent Flows Involving Chemical Reactions Compressible Turbulent Shear Layers Aeroacoustics Turbulence and Mixing in Stably Stratified Waters  Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer Flow Lawer Gradient Turbulence with the Laser-Doppler Anemometer Flow Lawer Gradient Turbulence Flow Lawer Gradient Turbulence Flow Lawer Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection Roundinear Thermal Convection Flow Lawers Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Flow Casers W. H. Christiansen, D. A. Russell, A. Hertzberg 7:115-39 Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions SHOCK WAVES, EXPLOSIONS A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale Stream Underwater Explosions A Blunt Body in a Superscale			
New Trends in Experimental Turbulence Research R		ALC: Union and a second	30000
Research Homogeneous Turbulent Mixing with Chemical Reaction Computation of Turbulent Flows Hot-Wire Amenometry Turbulent Flows Involving Chemical Reactions Compressible Turbulent Shear Layers Acroacoustics Turbulence and Mixing in Stably Stratified Waters Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer The Measurement of Turbulence The Measurement of Turbu		W. W. Willmarth	7:13-37
Homogeneous Turbulent Mixing with Chemical Reaction Computation of Turbulent Flows Hot-Wire Anemometry Turbulent Flows Involving Chemical Reactions Compressible Turbulent Shear Layers Acroscoustics Turbulence and Mixing in Stably Stratified Waters Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer The Measure-Oradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection HEAT TRANSFER Fluid Mechanics of Heat Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions A Blunt Body in a Supersonic Stream Underwater Explosions AERO-AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Coeanographic Application Turbulence and Mixing in Stably Stratified Waters  Values of Pale Actions All Flow and Sound Generation in Musical Wind Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Coeanographic Application Turbulence and Mixing in Stably Stratified Waters  Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radiation  C. C. Met  J. C. Hill W. C. Greenbellot Reaction R. A. Williams R. Sisti-76 P. B. Raines R. A. Williams R. 11:401-41 R. Sisti-76 P. B. Halms R. 11:403-61 R. 2. Flows Williams R. 11:405-40 R. Reaction R. A. M. Yaglom R. M. Corcos R. B. Rhines R. 11:407-85 R. A. Libby, F. A. Williams R. 135-61 R. CL. Tien R. A. M. Yaglom R. A. Libby, F. A. W			
Reaction Computation of Turbulent Flows Compressible Turbulent Shear Layers Acroscoustics Turbulence and Mixing in Stably Stratified Waters Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer The Measurement of Turbulence with the Laser-Doppler Anemometer The Measurement of Turbulence with the Laser-Toppler Anemometer With the Laser-Toppler Anemometer With the Laser-Toppler Anemometer With the Laser-Toppler		J. Laufer	7:307-26
Computation of Turbulent Flows Hot-Wire Anemometry Turbulent Flows knowlving Chemical Reactions Compressible Turbulent Shear Layers Aeroscoustics Turbulence and Mixing in Stably Stratified Waters Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer The Measurement of Turbulence with the Laser-Doppler Anemometer Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection HEAT TRANSFER Fluid Mechanica of Heat Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions AB Blunt Body in a Supersonic Stream Underwater Explosions ABHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream Underwater Explosions AERO-AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroscoustics Turbulence Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceanographic Application Turbulence and Mixing in Stably Stratified Waters  F. S. Sherman, J. Imberger, G. M. Coroos J. Liddy, F. A. Williams T. Maxworthy, F. K. Browand T.	Homogeneous Turbulent Mixing with Chemical		
Hot-Wire Anemometry Turbulent Flows involving Chemical Reactions Compressible Turbulent Shear Layers Acroacoustics Turbulence and Mixing in Stably Stratified Waters Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer The Measurement of Turbulent Wall Flows GONVECTION Nonlinear Thermal Convection Heat Trransfer Fluid Mechanics of Heat Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers  Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions SHOCK WAVES, EXPLOSIONS A Blunt Body in a Superscale Stream Underwater Explosions Alero-AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Auround Sound Generation in Musical Wind Instruments Numd Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Turbulence and Mixing in Stably Stratified Waters  Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radistion  C. C. Met  Rocomogeneous  Reached  J. C. C. Met  Reached  J. E. Ffowcs Williams  R. Libby, F. A. Williams  R. Sist-7e  Reached  Resethof Resetho	Reaction		8:135-61
Turbulent Flows Involving Chemical Reactions Compressible Turbulent Shear Layers Acroacoustics Turbulence and Mixing in Stably Stratified Waters Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer The Measure-Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection Flow Lasers Finid Mechanics of Heat Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions A Blunt Body in a Supersonic Stream Underwater Explosions A Blunt Body in	Computation of Turbulent Flows	W. C. Reynolds	8:183-208
Compressible Turbulent Shear Layers Acroscounties Turbulence and Mixing in Stably Stratified Waters  Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection Heat Transfer Fluid Mechanica of Heat Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers  Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions A Biunt Body in a Supersonic Stream Underwater Explosions A Elon Bry Dransmit Stream Underwater Explosions A Encacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radistion  P. Bradshaw F. S. Sherman, J. Imberger, G. M. Corcos I0:267-88 I1:401-41  P. Bradshaw F. S. Sherman, J. Imberger, G. M. Corcos I0:267-88 I1:401-41  P. Bradshaw F. S. Sherman, J. Imberger, G. M. Corcos I0:267-88 I1:41-503  P. Bradshaw I1:401-41  P. A. Libhy, F. A. Williams I1:401-41  P. C. Hin II:401-41  P. A. Libhy, F. A. Williams I1:401-41  P. A. Libhy, F. A. Williams I1:401-41  P. A. Libhy, F. A. Williams I1:4	Hot-Wire Anemometry		8:209-31
Aeroscoustics Turbulence and Mixing in Stably Stratified Waters  Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer The Measurement of Turbulence with the Laser-Doppler Anemometer Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection Nonlinear Thermal Convection E. Palm T:39-61 HEAT TRANSFER Fluid Mechanics of Heat Pipes CL. Tien T:167-85 COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers W. H. Christiansen, D. A. Russell, A. Hertzberg Turbulent Flows Involving Chemical Reaction Dust Explosions SHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream Underwater Explosions AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroscoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments FLOWS In HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Ceeangraphic Application Turbulence and Mixing in Stably Stratified Waters  Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met  J. F. Flowes Williams J. J. Imberger, G. M. Corcos J. T. J. L. Lumley  11:443-503 11:443	<b>Turbulent Flows Involving Chemical Reactions</b>	P. A. Libby, F. A. Williams	8:351-76
Turbulence and Mixing in Stably Stratified Waters  Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection Nonlinear Thermal Convection Nonlinear Thermal Convection Nonlinear Thermal Convection E. Palm 7:39-61  HEAT TRANSFER Fluid Mechanics of Hent Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers W. H. Christiansen, D. A. Russell, A. Hertzberg 7:115-39  Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions SHOCK WAVES, EXPLOSIONS A Blum Body in a Supersonic Stream Underwater Explosions AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments FLOWS In HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceanographic Application Turbulence and Mixing in Stably Stratified Waters  Wakes in Stratified Fluids Geostrophic Turbulence P. B. Rhines P. B. Rhines 11:401-41  FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met  10:267-88  Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met  10:393-416	Compressible Turbulent Shear Layers	P. Bradshaw	9:33-54
Geostrophic Turbulence Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer Laser-Doppler Anemometer Laser-Doppler Anemometer P. Buchhave, W. K. George, Jr., J. L. Lumley Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection HEAT TRANSFER Fluid Mechanics of Hent Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions A Blunt Body in a Supersonic Stream Underwater Explosions AERO-AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments FLOWS In HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceangraphic Application Turbulence and Mixing in Stably Stratified Waters  Wakes in Stratified Fluids Geostrophic Turbulence P. B. Comes Numerical Methods in Water-Wave Diffraction and Radilation C. C. Met  F. Raichlen Tribuser Tribuser Tribuser T. Maxworthy, F. K. Browand T. Maxworthy	Aeroscoustics	J. E. Ffowes Williams	9:447-68
Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer Laurbulence Fluid Mechanics of Heat Pipes Laser-Doppler Anemometer Laurbulence Anemometer Laurbulence-Generated Mixing with Chemical Reaction Laser-Doppler Anemometer Laurbulence-Generated Noise in Pipe Flow M. Holt Laser-Doppler Anemometer Laurbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Whaters Laver-Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Whaters Laver-Model Equations of Nonlinear Acoustics Laperiments in Rotating and Stratified Flows: Coeanographic Application Coeanographic Application Turbulence and Mixing in Stably Stratified Waters  Wakes in Stratified Fluids Geostrophic Turbulence P. B. Rhinas Laurbulence P. S. Sherman, J. Imberger, G. M. Corcos Literations Literation Turbulence P. B. Rhinas Literation Titudence Titudence P. B. Rhinas Literation Titudence P. B. Rhinas Literation Titudence Tituden	Turbulence and Mixing in Stably Stratified		
Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer  Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection  HEAT TRANSFER Fluid Mechanics of Heat Pipes COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers  Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Bust Explosions A Blunt Body in a Supersonic Stream Underwater Explosions AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics AIT Flow and Sound Generation in Musical Winde Instruments AIT Flow and Sound Generation in Musical Winde Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met  10:267-88 11:401-41 11:443-503 11:441-41 11:443-503 11:443-503 11:443-503 11:443-503 11:443-503 11:441-41 11:443-503 11:441-41 11:443-503 11:441-41 1		F. S. Sherman, J. Imberger,	
Geostrophic Turbulence The Measurement of Turbulence with the Laser-Doppler Anemometer P. Buchhave, W. K. George, Jr., J. L. Lumley Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows CONVECTION Nonlinear Thermal Convection HEAT TRANSFER Fluid Mechanics of Heat Pipes CL. Tien T:167-85 COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers W. H. Christiansen, D. A. Russell, A. Hertzberg T:115-39 Homogeneous Turbulent Mixing with Chemical Reaction Bust Explosions How Involving Chemical Reactions Bilock WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream Underwater Explosions Alienda Sound Generation in Musical Wind Instruments Flow and Sound Generation in Musical Wind Instruments Ceenographic Application Turbulence and Mixing in Stably Stratified Waters Wakes in Stratified Fluids Geostrophic Turbulence FLEFE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met  11:401-41 11:43-503 11:443-61 11:443-503 11:443-61 11:443-61 11:443-61 11:443-61 11:443-61 11:443-61 11:443-61 11:443-61 11:443-61 11:443-61 11:443-			10:267-88
The Measurement of Turbulence with the Laser-Doppler Anemometer  Jr., J. L. Lumley  Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows  CONVECTION  Nonlinear Thermal Convection  Nonlinear Thermal Convection  E. Palm  7:39-61  HEAT TRANSFER Fluid Mechanics of Heat Pipes  CL. Tien  COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers  W. H. Christiansen, D. A. Russell, A. Hertzberg  Homogeneous Turbulent Mixing with Chemical Reaction  J. C. Hill  Rasction  Turbulent Flows Involving Chemical Reactions Dust Explosions  A Blunt Body in a Supersonic Stream Underwater Explosions  AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS  Aeroacoustics  Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments  FLOWS IN HETEROGENEOUS AND STRATIFIED Experiments in Rotating and Stratified Flows: Coeanographic Application  Turbulence and Mixing in Stably Stratified Waters  Wakes in Stratified Fluids Generated Wayes on Rubble-Mound Structures  F. Raichlen  7:327-56  Numerical Methods in Water-Wave Diffraction and Radiation  C. C. Met  11:443-503  A. M. Yaglom  11:443-503  11:43-61  11:43-6-1  11:43-6-1  11:43-6-1  10:93-105  10:93-105  10:93-105  10:93-105  10:93-105  10:93-105  10:93-105  10:93-105  10:93-105  10:93-105  10:93-105  10:93-105  10:93-105  10:93-105  10:93-1	Geostrophic Turbulence		
Laser-Doppler Anemometer  Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows  CONVECTION  Nonlinear Thermal Convection  HEAT TRANSFER Fluid Mechanics of Heat Pipes  COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers  Homogeneous Turbulent Mixing with Chemical Reaction  Reaction  Turbulent Flows Involving Chemical Reactions Dust Explosions  A Blunt Body in a Supersonic Stream Underwater Explosions  AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics AIr Flow and Sound Generation in Musical Wind Instruments FLOWS In HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Coeanggraphic Application Turbulence and Mixing in Stably Stratified Waters  F. S. Sherman, J. Imberger, G. M. Corcos Unicefrace G. M. Corcos G. M. Corcos Unicefrace G. M. Corcos G.			
Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows  CONVECTION  Nonlinear Thermal Convection  HEAT TRANSFER Fluid Mechanics of Heat Pipes  CL. Tien  7:167-85  COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers  Homogeneous Turbulent Mixing with Chemical Reaction  Reaction  Turbulent Flows Involving Chemical Reactions Dust Explosions  Homogeneous Turbulent Mixing with Chemical Reactions Dust Explosions  Homogeneous Turbulent Mixing with Chemical Reaction  Reaction  Turbulent Flows Involving Chemical Reactions Dust Explosions  Homogeneous Turbulent Mixing with Chemical Reactions Reaction  Turbulent Flows Involving Chemical Reactions P. A. Libby, F. A. Williams 8:135-61  Turbulent Flows Involving Chemical Reactions P. A. Libby, F. A. Williams 8:351-76  W. C. Griffith 10:93-105  SHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream V. V. Rusanov 8:377-404  W. Holt 9:187-214  AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics J. E. Frows Williams 9:447-68  Turbulence-Generated Noise in Pipe Flow G. Reethof 10:333-67  Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher 11:123-46  FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS  Experiments in Rotating and Stratified Flows: Ceeanggraphic Application Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88  Wakes in Stratified Fluids F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88  Wakes in Stratified Fluids F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88  Wakes in Stratified Fluids F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88  Wakes in Stratified Fluids F. Raichlen F. R		P. Buchhave, W. K. George.	
Similarity Laws for Constant-Pressure and Pressure-Gradient Turbulent Wall Flows A. M. Yaglom 11:505-40 CONVECTION Nonlinear Thermal Convection E. Palm 7:39-61 HEAT TRANSFER Fluid Mechanics of Heat Pipes CL. Tien 7:167-85 COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers W. H. Christiansen, D. A. Russell, A. Hertzberg 7:115-39 Homogeneous Turbulent Mixing with Chemical Reaction J. C. Hill 8:135-61 Turbulent Flows Involving Chemical Reactions P. A. Libby, F. A. Williams 8:351-76 Dust Explosions W. C. Griffith 10:93-105 SHOCK WAVES, EXPLOSIONS W. C. Griffith 9:187-214 AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics J. E. Flows Williams 9:447-68 Turbulence-Generated Noise in Pipe Flow G. Reethof 10:333-67 Model Equations of Nonlinear Acoustics D. G. Crighton 11:11-33 Ar Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceanographic Application Turbulence and Mixing in Stably Stratified Waters G. M. Corcos 10:267-88 Wakes in Stratified Fluids JT. Lin. YH. Pao 11:317-38 Geostrophic Turbulence F. E. DWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met 10:393-416	zasor-zoppier moment		11-443-503
Pressure-Gradient Turbulent Wall Flows A. M. Yaglom 11:505-40 CONVECTION Nonlinear Thermal Convection E. Palm 7:39-61 HEAT TRANSFER Fluid Mechanics of Heat Pipes CL. Tien 7:167-85 COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers W. H. Christiansen, D. A. Russell, A. Hertzberg 7:115-39 Homogeneous Turbulent Mixing with Chemical Reaction J. C. Hill 8:135-61 Turbulent Flows Involving Chemical Reactions P. A. Libby, F. A. Williams 8:351-76 Dust Explosions W. C. Griffith 10:93-105 SHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream V. V. Rusanov 8:377-404 Underwater Explosions M. Holt 9:187-214 AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics J. E. Flows Williams 9:447-68 Turbulence-Generated Noise in Pipe Flow G. Reethof 10:333-67 Model Equations of Nonlinear Acoustics D. G. Crighton 11:11-33 Air Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher 11:123-46 FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Ceenographic Application T. Maxworthy, F. K. Browand 7:273-305 Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88 Wakes in Stratified Fluids JT. Lin. YH. Pao 11:317-38 Geostrophic Turbulence F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88 TREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met 10:393-416	Similarity Laws for Constant-Pressure and	or., o. D. Lamito	14440-000
CONVECTION Nonlinear Thermal Convection HEAT TRANSFER Fluid Mechanics of Heat Pipes CL. Tien 7:167-85 COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers W. H. Christiansen, D. A. Russell, A. Hertzberg 7:115-39 Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions U. C. Hill S:135-61 Turbulent Flows Involving Chemical Reactions Dust Explosions W. C. Griffith 10:93-105 SHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream U. V. Rusanov S:377-404 Underwater Explosions M. Holt Piber-214 AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Ceeanggraphic Application Turbulence and Mixing in Stably Stratified Waters  Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met  7:339-61 Triben Tr		A M Vaglom	11-505-40
Nonlinear Thermal Convection  HEAT TRANSFER Fluid Mechanics of Heat Pipes  CL. Tien  7:167-85  COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers  W. H. Christiansen, D. A. Russell, A. Hertzberg  Homogeneous Turbulent Mixing with Chemical Reaction  Reaction  J. C. Hill  8:135-61  Turbulent Flows Involving Chemical Reactions Bust Explosions  A Blunt Body in a Supersonic Stream  V. V. Rusanov  Bient Explosions  A Blunt Body in a Supersonic Stream  V. V. Rusanov  Bient Explosions  AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS  Aeroacoustics  Turbulence-Generated Noise in Pipe Flow  Model Equations of Nonlinear Acoustics  Air Flow and Sound Generation in Musical  Wind Instruments  N. H. Fletcher  Flows In Heterogeneous And Stratified Flows:  Oceanographic Application  Turbulence and Mixing in Stably Stratified  Waters  G. M. Corcos  Wakes in Stratified Fluids  G. M. Corcos  Wakes in Stratified Fluids  G. M. Corcos  F. S. Sherman, J. Imberger,  G. M. Corcos  10:267-88  Wakes in Stratified Fluids  G. M. Corcos  P. B. Rhines  F. Raichlen  7:327-56  Numerical Methods in Water-Wave Diffraction  and Radiation  C. C. Met  10:393-416		A, M. ragions	111000 40
Fluid Mechanics of Heat Pipes CL. Tien 7:167-85 COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers W. H. Christiansen, D. A. Russell, A. Hertzberg 7:115-39 Homogeneous Turbulent Mixing with Chemical Resection J. C. Hill 8:135-61 Turbulent Flows Involving Chemical Reactions P. A. Libby, F. A. Williams 8:351-76 Dust Explosions W. C. Griffith 10:93-105 SHOCK WAYES, EXPLOSIONS A Blunt Body in a Supersonic Stream V. V. Russnov 8:377-404 Underwater Explosions M. Holt 9:187-214 AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics J. E. Flowcs Williams 5:447-68 Turbulence-Generated Noise in Pipe Flow G. Reethof 10:333-67 Model Equations of Nonlinear Acoustics D. G. Crighton 11:11-33 Art Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher 11:123-46 FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Ceenographic Application T. Maxworthy, F. K. Browand 7:273-305 Turbulence and Mixing in Stably Stratified Waters G. M. Corcos 10:267-88 Wakes in Stratified Fluids JT. Lin. YH. Pao 11:317-38 Geostrophic Turbulence F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88 Wakes in Stratified Fluids JT. Lin. YH. Pao 11:317-38 Geostrophic Turbulence P. B. Rhines 11:401-41 FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met 10:393-416		P Dalso	7-20-61
Fluid Mechanics of Heat Pipes CL. Tien 7:167-85  COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers W. H. Christiansen, D. A. Russell, A. Hertzberg 7:115-39  Homogeneous Turbulent Mixing with Chemical Reaction J. C. Hill 8:135-81  Turbulent Flows Involving Chemical Reactions Dust Explosions W. C. Griffith 10:93-105  SHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream V. V. Rusanov 8:377-404 Underwater Explosions M. Holt 9:187-214  AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics J. E. Frowes Williams 5:447-68 Turbulence-Generated Noise in Pipe Flow G. Reethof 10:333-67 Model Equations of Nonlinear Acoustics D. G. Crighton 11:11-33  Air Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher 11:123-46  FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Ceeanographic Application T. Maxworthy, F. K. Browand 7:273-305  Wakes in Stratified Fluids JT. Lin. YH. Pao 11:317-38 Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS)  The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56  Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met 10:383-416		b. Paim	1:30-01
COMBUSTION, FLOWS WITH CHEMICAL REACTION Flow Lasers  W. H. Christiansen, D. A. Russell, A. Hertzberg  Homogeneous Turbulent Mixing with Chemical Reaction Dust Explosions  Bust Explosions  A Blunt Body in a Supersonic Stream Underwater Explosions  A Blunt Body in a Supersonic Stream Underwater Explosions  A Blunt Body in a Supersonic Stream V. V. Rusanov 8:377-404 Underwater Explosions  AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Turbulence-Generated Noise in Pipe Flow G. Reethof 10:333-67 Model Equations of Nonlinear Acoustics D. G. Crighton 11:11-33  Air Flow and Sound Generation in Musical Wind Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceanographic Application Turbulence and Mixing in Stably Stratified Waters G. M. Corcos 10:267-88 Wakes in Stratified Fluids Geostrophic Turbulence P. B. Rhines 11:401-41 FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met  7:115-39 7:115-39 7:115-39 7:115-39 7:116-39 7:115-39 7:116-39 7:115-39 7:116-39 7:116-39 7:115-39 7:116-39 7:116-39 7:116-39 7:116-39 7:116-39 7:116-39 7:116-39 7:116-39 7:116-39 7:116-39 7:116-39 7:116-39 7:116-39 7:116-39 7:116-39 7:117-39 7:		0. 7. 79	
Flow Lasers  W. H. Christiansen, D. A. Russell, A. Hertzberg  Homogeneous Turbulent Mixing with Chemical Reaction  Reaction  Turbulent Flows Involving Chemical Reactions Dust Explosions  A Blunt Body in a Supersonic Stream V. V. Rusanov Underwater Explosions  A Blunt Body in a Supersonic Stream V. V. Rusanov W. B. 1877-404 Underwater Explosions  AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS  Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher FLOWS IN HETEROGENEOUS AND STRATIFIED Experiments in Rotating and Stratified Flows: Ceeanographic Application Turbulence and Mixing in Stably Stratified Waters  Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Mei  10:393-416			7:167-85
Homogeneous Turbulent Mixing with Chemical Reaction Reaction Reaction J. C. Hill Reaction Sust Explosions SHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream Underwater Explosions AFFICE STORM STATISHED Reaction V. V. Rusanov W. C. Griffith Si351-76 W. C. Griffi			
Homogeneous Turbulent Mixing with Chemical Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions SHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream U. V. Rusanov Underwater Explosions AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Turbulence-Generated Noise in Pipe Flow G. Reethof Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Ceeanographic Application Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Mei 10:383-416 10:383-416	Flow Lasers		
Reaction Turbulent Flows Involving Chemical Reactions Dust Explosions W. C. Griffith 10:93-105 SHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream Underwater Explosions W. V. V. Rusanov W. C. Griffith 9:187-214 AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Alr Flow and Sound Generation in Musical Wind Instruments W. C. Griffith 9:187-214 AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics D. G. Crighton 11:11-33 AIr Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceanographic Application Turbulence and Mixing in Stably Stratified Waters G. Reacthof D. G. Crighton 11:11-33 T. Maxworthy, F. K. Browand 7:273-305 T. Maxworthy, F. K. Browand Tribulence and Mixing in Stably Stratified Waters G. M. Corcos 10:267-88 Wakes in Stratified Fluids J. T. Lin. YH. Pao 11:317-38 Geostrophic Turbulence P. B. Rhines 11:401-41 FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Mei 10:393-416		Russell, A. Hertzberg	7:115-39
Turbulent Flows Involving Chemical Reactions Dust Explosions W. C. Griffith 10:93-105 SHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream Underwater Explosions AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics AIr Flow and Sound Generation in Musical Wind Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Coeanographic Application Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radiation  R:351-76 10:93-105 10:93-105 10:93-105 10:93-416 10:93-105 10:93-416	Homogeneous Turbulent Mixing with Chemical		
Dust Explosions SHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream U. V. Rusanov M. Holt Sitory M. Express M. Express Milliams Sitory M. G. Reethof Sitory M. Holt Sitory M. Holt Sitory M. Holt Sitory M. Holt Mind Instruments Sitory M. G. Reethof Sitory M. H. Fletcher Sitory M. H. Fletcher Sitory M. H. Fletcher Sitory M. H. Fletcher Sitory M. M. Experiments in Rotating and Stratified Flows: Coeanographic Application Turbulence and Mixing in Stably Stratified Waters Sitory M. M. Corcos M. Corcos M. Corcos M. Corcos M. Corcos M. Corcos M. Corcos M. Corcos M. M			
SHOCK WAVES, EXPLOSIONS A Blunt Body in a Supersonic Stream Underwater Explosions M. Holt Si877-404  AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics J. E. Ffowcs Williams G. Reethof 10:333-67  Model Equations of Nonlinear Acoustics D. G. Crighton 11:11-33  Air Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceanographic Application Turbulence and Mixing in Stably Stratified Waters G. Reethof D. G. Crighton 11:13-46  T. Maxworthy, F. K. Browand 7:273-305  Tribulence and Mixing in Stably Stratified Waters G. M. Corcos 10:267-88 Wakes in Stratified Fluids JT. Lin. YH. Pao 11:317-38 Geostrophic Turbulence P. B. Rhines 11:401-41  FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56  Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met 10:393-416	Turbulent Flows Involving Chemical Reactions		8:351-76
A Blunt Body in a Supersonic Stream Underwater Explosions AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher FLOWS IN HETEROGENEOUS AND STRATIFIED Experiments in Rotating and Stratified Flows: Oceanographic Application Turbulence and Mixing in Stably Stratified Waters Generated Flows Wakes in Stratified Fluids Generation Flows Tree-Surface Flows (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met  MI-Nell  10:337-404 M. Helt  9:187-214 M. Holt M. C. Crighton M. Holt M.	Dust Explosions	W. C. Griffith	10:93-105
Underwater Explosions M. Holt 9:187-214  AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS  Aeroacoustics J. E. Frowes Williams 9:447-68  Turbulence-Generated Noise in Pipe Flow G. Reethof 10:333-67  Model Equations of Nonlinear Acoustics D. G. Crighton 11:11-33  Air Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher 11:123-46  FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS  Experiments in Rotating and Stratified Flows: Ceeanographic Application T. Maxworthy, F. K. Browand  Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88  Wakes in Stratified Fluids JT. Lin. YH. Pao 11:317-38  Geostrophic Turbulence F. R. Richlen 7:327-56  Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met 10:383-416	SHOCK WAVES, EXPLOSIONS		
AERO- AND HYDRODYNAMIC SOUND, ACOUSTICS Aeroacoustics J. E. Ffowes Williams 5:447-68 Turbulence-Generated Noise in Pipe Flow G. Reethof 10:333-67 Model Equations of Nonlinear Acoustics D. G. Crighton 11:11-33 Air Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceanographic Application T. Maxworthy, F. K. Browand Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88 Wakes in Stratified Fluids JT. Lin. YH. Pao 11:317-38 Geostrophic Turbulence P. B. Rhines 11:401-41 FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met 10:393-416	A Blunt Body in a Supersonic Stream	V. V. Rusanov	8:377-404
Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceanographic Application Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos Wakes in Stratified Fluids Geostrophic Turbulence P. B. Rhines FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met 10:333-67 10:333-67 11:11-33 11:11-33 11:123-46 11:123-46 11:123-46 11:123-46 11:123-46 11:123-46 11:23-46 11:123-46	Underwater Explosions	M. Holt	9:187-214
Aeroacoustics Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceanographic Application Turbulence and Mixing in Stably Stratified Waters Generation of Mixing In Stably Stratified Waters Generation of Mixing In Stably Stratified F. S. Sherman, J. Imberger, G. M. Corcos I0:267-88 Wakes in Stratified Fluids Geostrophic Turbulence P. B. Rhines I1:401-41 FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met I1:133-36 I1:27-56 I1:133-38 I1:401-41 I1:401-41 I1:33-46 II:47-88 II:47-88 II:47-88 II:43-67 II:11-33 II:41-34 II:41-35 II:43-46 II:43	AERO- AND HYDRODYNAMIC SOUND, ACOUST	IC8	
Turbulence-Generated Noise in Pipe Flow Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Coeanographic Application Turbulence and Mixing in Stably Stratified Waters  T. Maxworthy, F. K. Browand 7:273-305  F. S. Sherman, J. Imberger, G. M. Corcos Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met 11:11-33 11:123-46 11:			9:447-68
Model Equations of Nonlinear Acoustics Air Flow and Sound Generation in Musical Wind Instruments N. H. Fletcher FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Ceeanographic Application Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos Wakes in Stratified Fluids Geostrophic Turbulence P. B. Rhines 11:23-46 11:123-46 11:123-46 11:23-4			10:333-67
Air Flow and Sound Generation in Musical Wind Instruments FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS Experiments in Rotating and Stratified Flows: Oceanographic Application Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen N. H. Fletcher 11:123-46 FLUIDS, ROTATING FLOWS 7:273-305 T. Maxworthy, F. K. Browand 7:273-305 In Maxworthy, F. K. Browand 7:273-305 T. J.In. YH. Pao 11:317-38 11:401-41 FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met		D. G. Crighton	11:11-33
Wind Instruments N. H. Fletcher 11:123-46  FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS  Experiments in Rotating and Stratified Flows:  Ceenographic Application T. Maxworthy, F. K. Browand  Turbulence and Mixing in Stably Stratified  Waters F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88  Wakes in Stratified Fluids JT. Lin. YH. Pao 11:317-38  Geostrophic Turbulence P. B. Rhines 11:401-41  FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS)  The Effect of Waves on Rubble-Mound  Structures F. Raichlen 7:327-56  Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met 10:393-416			
FLOWS IN HETEROGENEOUS AND STRATIFIED FLUIDS, ROTATING FLOWS  Experiments in Rotating and Stratified Flows:  Coeanographic Application T. Maxworthy, F. K. Browand T:273-305 Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88 Wakes in Stratified Fluids Geostrophic Turbulence P. B. Rhines 11:401-41 FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met 7:393-416	The state of the s	N H. Fletcher	11:123-46
Experiments in Rotating and Stratified Flows:  Ceanographic Application Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen T:273-305 The Effect of Waves on Rubble-Mound Structures F. Raichlen T:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Met T. Maxworthy, F. K. Browand T:273-305 The Energy Structures F. R. S. Sherman, J. Imberger, G. M. Corcos 10:267-88 11:401-41 T:401-41 T:327-56 The Effect of Waves on Rubble-Mound Structures F. Raichlen T:327-56			221200 20
Oceanographic Application T. Maxworthy, F. K. Browand 7:273-305 Turbulence and Mixing in Stably Stratified Waters F. S. Sherman, J. Imberger, G. M. Corcos 10:267-88 Wakes in Stratified Fluids JT. Lin. YH. Pao 11:317-38 Geostrophic Turbulence P. B. Rhines 11:401-41 FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Mei 10:393-416		FLORD, NOTHIELD FLOWS	
Turbulence and Mixing in Stably Stratified Waters  G. M. Corcos  G. M. Corcos  10:267-88  Wakes in Stratified Fluids Geostrophic Turbulence FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS)  The Effect of Waves on Rubble-Mound Structures  Numerical Methods in Water-Wave Diffraction and Radiation  C. C. Mei  10:393-416		T Manuscriber P F Browned	7-979_905
Waters   F. S. Sherman, J. Imberger, G. M. Corcos   10:267-88		1. maxworthy, r. K. Diowand	1:213-300
G. M. Corcos   10:267-88		B C Chamman I Imbanan	
Wakes in Stratified Fluids         JT. Lin. YH. Pao         11:317-38           Geostrophic Turbulence         P. B. Rhines         11:401-41           FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS)         11:401-41           The Effect of Waves on Rubble-Mound         5. Raichlen         7:327-56           Numerical Methods in Water-Wave Diffraction and Radiation         C. C. Mei         10:393-416	Waters		10.000.00
Geostrophic Turbulence P. B. Rhines 11:401-41 FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Mei 10:393-416			
FREE-SURFACE FLOWS (WATER WAVES, CAVITY FLOWS) The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Mei 10:393-416			
The Effect of Waves on Rubble-Mound Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Mei 10:393-416			11:401-41
Structures F. Raichlen 7:327-56 Numerical Methods in Water-Wave Diffraction and Radiation C. C. Mei 10:393-416		/ITY FLOWS)	
Numerical Methods in Water-Wave Diffraction and Radiation C. C. Mei 10:393-416			
and Radiation C. C. Mei 10:393-416		F. Raichlen	7:327-56
BUBBLES, FILMS, SURFACE, BUBBLY FLOWS, CAVITATION			10:393-416
	BUBBLES, FILMS, SURFACE, BUBBLY FLOW	S, CAVITATION	

### CHAPTER TITLES 555

Bubble Dynamics and Cavitation	M. S. Plesset, A. Prosperetti	9:145-85
Cavitation in Bearings	D. Dowson, C. M. Taylor	11:35-66
Drop Formation in a Circular Liquid Jet	D. B. Bogy	11:207-28
On the Spreading of Liquids on Solid Surfaces:		
Static and Dynamic Contact Lines	E. B. Dussan V.	11:371-400
DIFFUSION, FILTRATION, SUSPENSIONS		
Multiphase Fluid Flow through Porous Media	R. A. Wooding, H. J.	
	Morel-Seytoux	8:233-74
On the Liquiditke Behavior of Fluidized Beds	J. F. Davidson, D. Harrison,	
	J. R. F. Guedes de Carvalho	9:55-86
Particle Capture from Low-Speed Laminar		
Flows	L. A. Spielman	9:297-319
Drag Reduction by Polymers	N. S. Berman	10:47-64
MATHEMATICAL METHODS		
Mathematical Analysis of Navier-Stokes		
Equations for Incompressible Liquids	O. A. Ladyzhenskaya	7:249-272
NUMERICAL METHODS		
Relaxation Methods in Fluid Mechanics	H. Lomax, J. L. Steger	7:63-88
A Blunt Body in a Supersonic Stream	V. V. Rusanov	8:377-404
Finite-Element Methods in Fluid Mechanics	Sf. Shen	9:421-45
Study of the Unsteady Aerodynamics of Lifting		
Surfaces Using the Computer	S. M. Belotserkovskii	9:469-94
Monte Carlo Simulation of Gas Flows	G. A. Bird	10:11-31
Prospects for Computational Fluid Mechanics	G. S. Patterson Jr.	10:289-300
Numerical Methods in Boundary-Layer Theory	H. B. Keller	10:417-33
Numerical Solution of Compressible Viscous		
Flows	R. W. MacCormack, H. Lomax	11-289-316
EXPERIMENTAL METHODS	THE THE PERSON NAMED IN STREET	221200 020
Flow Lasers	W. H. Christiansen, D. A.	
Tiow Lightin	Russell, A. Hertzberg	7:115-39
Optical Effects in Flow	A. Peterlin	8:35-55
Hot-Wire Anemometry	G. Comte-Bellot	8:209-31
The Measurement of Turbulence with the	G. Comto-Denot	0.200-31
Laser-Doppler Anemometer	P. Buchhave, W. K. George	
talset-Doppter Allemometer		
		11-505-540
PIOLOGICAL PLUID DVNAMICE	Jr., J. L. Lumley	11:505-540
BIOLOGICAL FLUID DYNAMICS	Jr., J. L. Lumley	
Hemodynamics	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak	7:213-47
Hemodynamics Pulmonary Fluid Dynamics	Jr., J.L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley	7:213-47 9:229-74
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak	7:213-47
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny	7:213-47 9:229-74 9:275-96
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet	7:213-47 9:229-74 9:275-96 9:339-97
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny	7:213-47 9:229-74 9:275-96
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagelia Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet	7:213-47 9:229-74 9:275-96 9:339-97
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Fluments	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Fluments	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagelia Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Filaments Recollections from an Earlier Period in	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter S. E. Widnall	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419 7:141-65
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Filaments Recollections from an Earlier Period in American Aeronautics	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter S. E. Widnall	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419 7:141-65
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Filaments Recollections from an Earlier Period in American Aeronautics Study of the Unsteady Aerodynamics of Lifting	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter S. E. Widnall R. T. Jones S. M. Belotserkovskii	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419 7:141-65 9:1-11
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Filaments Recollections from an Earlier Period in American Aeronautics Study of the Unsteady Aerodynamics of Lifting Surfaces Using the Computer FLUID DYNAMICS OF WATERBORNE VEHICLES	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter S. E. Widnall R. T. Jones S. M. Belotserkovskii	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419 7:141-65 9:1-11
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Filaments Recollections from an Earlier Period in American Aeronautics Study of the Unsteady Aerodynamics of Lifting Surfaces Using the Computer FLUID DYNAMICS OF WATERBORNE VEHICLES Hydrodynamic Problems of Ships in	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter S. E. Widnall R. T. Jones S. M. Belotserkovskii	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419 7:141-65 9:1-11 9:469-94
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagelia Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Filaments Recollections from an Earlier Period in American Aeronautics Study of the Unsteady Aerodynamics of Lifting Surfaces Using the Computer FLUID DYNAMICS OF WATERBORNE VEHICLES Hydrodynamic Problems of Ships in Restricted Waters	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter S. E. Widnall R. T. Jones S. M. Belotserkovskii E. O. Tuck	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419 7:141-65 9:1-11 9:469-94
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Filaments Recollections from an Earlier Period in American Aeronautics Study of the Unsteady Aerodynamics of Lifting Surfaces Using the Computer FLUID DYNAMICS OF WATERBORNE VEHICLES Hydrodynamic Problems of Ships in Restricted Waters Ship Boundary Layers	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter S. E. Widnall R. T. Jones S. M. Belotserkovskii E. O. Tuck L. Landweber, V. C. Patel	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419 7:141-65 9:1-11 9:469-94
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Filaments Recollections from an Earlier Period in American Aeronautics Study of the Unsteady Aerodynamics of Lifting Surfaces Using the Computer FLUID DYNAMICS OF WATERBORNE VEHICLES Hydrodynamic Problems of Ships in Restricted Waters Ship Boundary Layers FLUID DYNAMICS OF HYDRAULIC STRUCTURE	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter S. E. Widnall R. T. Jones S. M. Belotserkovskii E. O. Tuck L. Landweber, V. C. Patel	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419 7:141-65 9:1-11 9:469-94
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Filaments Recollections from an Earlier Period in American Aeronautics Study of the Unsteady Aerodynamics of Lifting Surfaces Using the Computer FLUID DYNAMICS OF WA TERBORNE VEHICLES Hydrodynamic Problems of Ships in Restricted Waters Ship Boundary Layers FLUID DYNAMICS OF HYDRAULIC STRUCTURE Fluid Mechanics of Waste-Water Disposal	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter S. E. Widnall R. T. Jones S. M. Belotserkovskii E. O. Tuck L. Landweber, V. C. Patel S AND OF THE ENVIRONMENT	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419 7:141-65 9:1-11 9:469-94 10:33-44 11:173-205
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagelia Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Filaments Recollections from an Earlier Period in American Aeronautics Study of the Unsteady Aerodynamics of Lifting Surfaces Using the Computer FLUID DYNAMICS OF WATERBORNE VEHICLES Hydrodynamic Problems of Ships in Restricted Waters Ship Boundary Layers FLUID DYNAMICS OF HYDRAULIC STRUCTURE Fluid Mechanics of Waste-Water Disposal in the Ocean	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter S. E. Widnall R. T. Jones S. M. Belotserkovskii E. O. Tuck L. Landweber, V. C. Patel	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419 7:141-65 9:1-11 9:469-94
Hemodynamics Pulmonary Fluid Dynamics Flow and Transport in Plants Fluid Mechanics of Propulsion by Cilia and Flagella Mechanics of Animal Joints FLUID DYNAMICS OF MACHINERY Optimum Wind-Energy Conversion Systems FLUID DYNAMICS OF AIRBORNE VEHICLES The Structure and Dynamics of Vortex Filaments Recollections from an Earlier Period in American Aeronautics Study of the Unsteady Aerodynamics of Lifting Surfaces Using the Computer FLUID DYNAMICS OF WA TERBORNE VEHICLES Hydrodynamic Problems of Ships in Restricted Waters Ship Boundary Layers FLUID DYNAMICS OF HYDRAULIC STRUCTURE Fluid Mechanics of Waste-Water Disposal	Jr., J. L. Lumley H. L. Goldsmith, R. Skalak T. J. Pedley M. J. Canny C. Brennen, H. Winet V. C. Mow, W. M. Lai U. Hütter S. E. Widnall R. T. Jones S. M. Belotserkovskii E. O. Tuck L. Landweber, V. C. Patel S AND OF THE ENVIRONMENT	7:213-47 9:229-74 9:275-96 9:339-97 11:247-88 9:399-419 7:141-65 9:1-11 9:469-94 10:33-44 11:173-205

#### 556 CHAPTER TITLES

Hydraulics' Latest Golden Age	H. Rouse	8:1-12
Aerodynamics of Buildings	J. E. Cermak	8:75-106
GEOPHYSICAL FLUID DYNAMICS		
Hydrodynamics of Large Lakes	G. T. Csanady	7:357-86
Mixing and Dispersion in Estuaries	H. B. Fischer	8:107-33
Currents in Submarine Canyons: An Air-Sea-		
Land Interaction	D. L. Inman, C. E. Nordstrom,	
	R. E. Flick	8:275-310
Objective Methods for Weather Prediction	C. E. Leith	10:107-28
River Meandering	R. A. Callander	10:129-58
Rossby Waves - Long-Period Oscillations		
of Oceans and Atmospheres	R. E. Dickinson	10:159-95
River ke	G. D. Ashton	10:369-92
Magnetohydrodynamics of the Earth's Dynamo	F. H. Busse	10:435-62
Internal Waves in the Ocean	C. Garrett, W. Munk	11:339-69
ASTRONOMICAL FLUID DYNAMICS		
Hydrodynamics of the Universe	Ya. B. Zel'dovich	9:215-28
Relativistic Fluid Dynamics	A. H. Taub	10:301-32
Rotating, Self-Gravitating Masses	N. R. Lebovitz	11:229-46
OTHER APPLICATIONS		
Flow Laners	W. H. Christiansen, D. A.	
	Russell, A. Hertzberg	7:115-39
Fluid Mechanics of Heat Pipes	C. L. Tlen	7:167-85
Flow through Screens	E. M. Laws, J, L. Livesey	10:247-66
MEGELLANEOUS		
Experiments in Granular Flow	K. Wieghardt	7:89-114
On the Liquidlike Behavior of Fluidized Beds	J. F. Davidson, D. Harrison,	
	J. R. F. Guedes de Carvalho	9:55-86
Flows of Nematic Liquid Crystals	J. T. Jenkins	10:197-219
Relativistic Fluid Mechanics	A. H. Taub	10:301-32

